

Mr. Ted Nelson
Systems Consultant
P.O. Box 1546
Poughkeepsie, N.Y.

I had this system to design, see?



And naturally,
it's got to have
power supplies.



So I was going to buy
some laboratory supplies
from this Δ Company
catalog.



**Nix on that,
Smedley.
Easy way out.**



Lab supplies have
wide voltage range.
Don't need that range
for our system
application, Smedley.



Don't want to pay
for wide voltage
range we don't need,
do we, Smedley?



You see what he's like.
I have my resumes
printed.



Anyway, I went
looking further and found...



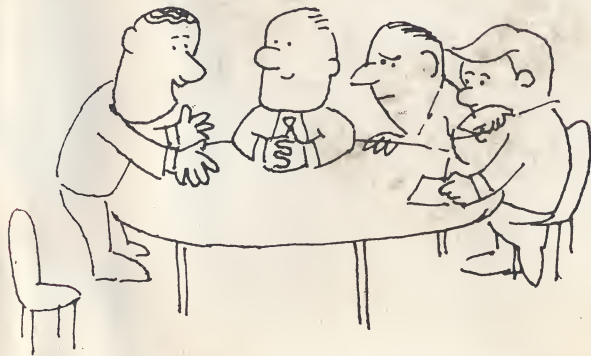
CON AVIONICS!



5 year guarantee. 35,000 hour
M.T.B.F. First-class de-rated
components. And about \$200
cheaper than anyone else.

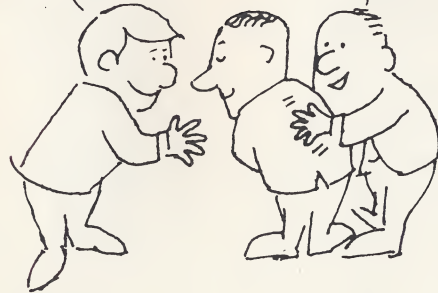


My value analysis shows that
we save \$200 on each power
supply with no "trade-off",
by using Con Avionics.



Brilliant work,
Smedley

Clever coup,
Smedley.



What a mind!



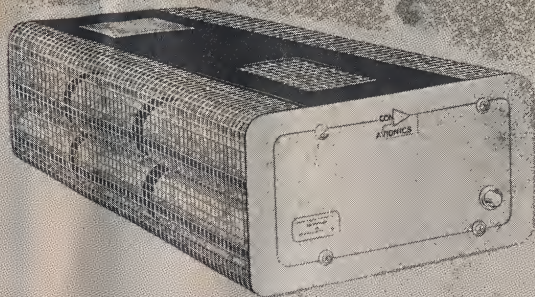
Good follow-through
on my idea to
use Con Avionics,
Smedley.



I have my
resumes printed.



***New HS and FS Series
Low Cost High Reliability
System Supplies***



- ☐ Up To \$200 Less Than Comparable Lab Supplies
- ☐ Series Operation Capability
- ☐ Self-Cooled—No External Heat Sink Needed
- ☐ Unconditional Five Year Guarantee
- ☐ All Silicon Transistors
- ☐ Fully Repairable
- ☐ Current Limiting Automatic Short Circuit Protection

SPECIFICATIONS

Input: 105-125V AC, 47-63 cps

Regulation (Line & Load combined): $\pm 0.05\%$ or $\pm 2\text{mv}$ (whichever is greater)

Ripple: 1 mv rms Max.

Response Time: 25 microseconds

Temperature Coefficient: $0.015\%/^{\circ}\text{C}$ or $1.8\text{mv}/^{\circ}\text{C}$ whichever is higher

Temperature: 75°C Max.

M.T.B.F.: 35,000 hours, according to Mil Handbook 217

WHAT DO YOU TRADE OFF WHEN YOU SAVE \$200 ON EACH CON AVIONICS POWER SUPPLY?

The answer is nothing.

You certainly don't trade off quality. As Smedley points out in the preceding pages, Con Avionics supplies are unconditionally guaranteed for five years. They have a Mean Time Between Failure of 35,000 hours. They're built with quality de-rated components in a Worst Case Analysis design.

The secret to their low cost is the narrow voltage range. In most systems applications, there is no need for the expensive wide range

of voltage you find in laboratory supplies. So it makes sense—perhaps hundreds of dollars worth of sense—to use a **systems** power supply for a systems applications.

No matter what your requirement, Con Avionics builds a low cost, highly reliable systems power supply to fit it. The entire voltage range between 0 vdc and 51.0 vdc is covered in 42 models in the HS-FS series. Currents range from 5.5 amps to 46.0 amps and wattages from 55 to 816.

The supplies are available in rack (19" wide) and half-rack (8¾" wide) sizes. Both packages use only 5¼" of panel height.

CONSOLIDATED AVIONICS

A DIVISION OF  CORPORATION

800 Shames Drive / Westbury, Long Island, New York
516—ED 4-8400 TWX: 510-222-6151